

PROJECT NAME: 8000 South Storm Drain Project

RECIPIENT: Sandy City

LOCATION: Sandy City, UT

PURPOSE: Multiple flooding events in the area have occurred as a result of thunderstorms. These flood events have verified the need to implement various drainage system improvements in the 8000 South drainage basin particularly in and around the High Point Park area. In August 2001 a major thunderstorm concentrated over the East bench of Sandy City cost the City over \$200,000 for flood claims in the 8000 South drainage basin alone. To resolve the most severe flooding problems, the City bonded for \$10 million to construct the 8600 South and 8000 South storm drain outfalls. The 8600 South Storm Drain Project was constructed in 2002 and utilized approximately \$8.0 million of the bonded funds. The balance of the funds were spent on Storm Drain projects above (East of) the East Jordan Canal.

Since a significant portion of the 8000 South Storm Drain Outfall will be located in Midvale City, coordination with Midvale City personnel, consideration of their drainage system needs, and impact on that city will have to be considered to make this a successful project. Storm water runoff from State Street and 700 East, both UDOT facilities, will also be conveyed through the 8000 South storm drain outfall. The ownership, maintenance, management, and financial responsibilities of each of these entities as they relate to this project, will be defined during the final design process.

A structural control that will help reduce pollution and improve runoff water quality is a proposed wetlands treatment pond between 700 West and the Jordan River. Storm water from 8000 South storm drain could be discharged into this facility. The proposed site of the pond is on property currently owned and maintained by the Jordan Bluffs,

LLC. The site could be purchased for the development of a wetlands facility and be incorporated into an expanded facility with existing ponds that would naturally treat storm water and improve the quality of water by allowing suspended solids and floatable contaminants to be removed before being discharged into the Jordan River. This concept will be explored with Sandy City, Midvale City, Salt Lake County, the Jordan Bluffs, LLC, and regulatory agencies during the final design phase.

This project will provide structural control that will help reduce pollution and improve runoff water quality in order to maintain compliance with federal environmental requirements. Multiple flooding events in the area have occurred as a result of thunderstorms. Federal regulation as well as the flood events have verified the need to implement various drainage system improvements in the 8000 South drainage basin. In August 2001 a major thunderstorm concentrated over the East bench of Sandy City which caused significant damage and resulted in substantial costs being born by local taxpayers.

AMOUNT: \$850,000